

Join us on the second Thursday of every month for a series of "brown bag" seminars sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy. Each seminar is held at NREL's Washington offices with a video-conference link to Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



Energy Analysis Seminar Series

A "brown bag" analytical seminar series

State-Level Analysis of Industrial Energy Use

Neal Elliott, Industrial Program Director
American Council for an Energy-Efficient Economy
Thursday, October 10
Noon-1 p.m.

Most analyses of industrial energy use have been conducted at the national level, in part because of the difficulties in dealing with state-level data. Unfortunately, this can provide a distorted view of the industrial sector for state and regional policy makers. The industrial sector is diverse, ranging from farms to mining to construction to manufacturing, and significant variations exist in the mix at the state and regional level.

The ACEEE Industrial Program, led by Neal Elliott, working with Anna Shipley and Elizabeth Brown, recently has been involved with several efforts to analyze industrial electricity use at the state and regional level. These analyses have involved data from a diverse set of sources to characterize the industries at a relatively high level of disaggregation. The results of these analyses demonstrate how different each region's mix is from the national mix and the importance of a regionally specific approach to industrial energy policy. Elliott will provide an overview of ACEEE's analytical approach, the data sources that are available, and provide examples of the analysis results to demonstrate the regional diversity of industrial electricity use. He also will discuss additional difficulties that will be encountered in dealing with other fuels at the state and regional level.

Neal Elliott is senior associate and Industry Program director with the American Council for an Energy-Efficient Economy (ACEEE), a nonprofit organization dedicated to advancing energy-efficient technologies and policies. Elliott is an internationally recognized expert and author on electric motors, industrial energy efficiency, energy and climate change policy, and Combined Heat and Power (CHP). He is a founding board member of the U.S. Combined Heat and Power Association, and has done extensive technical and policy analysis on the topic. Elliott received B.S. and M.S. degrees in mechanical engineering from North Carolina State University, and received a Ph.D. from Duke University for work in combustion. He is a registered professional engineer, holds six patents, and is a member of the American Society of Mechanical Engineers.



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